

Application No.: 10/766,366

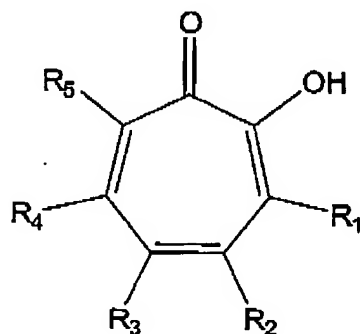
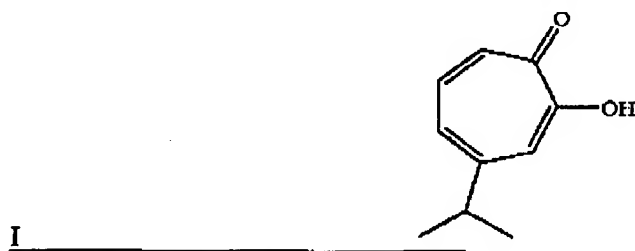
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IN THE CLAIMS

1. (currently amended) A composition comprising:

(a) an effective amount of at least one compound of Formula (I)



wherein R_1 , R_2 , R_3 , R_4 , and R_5 are each independently selected from the group consisting of hydrogen, hydroxy, an alkyl group, a hydroxyalkyl group, an alkoxyalkyl group, an alkylene group, an alkenylene group, an alkaryl group, an alkycycloalkyl group, an alkoxy group, an alkenyl group, an alkynyl group, an aryl group, a cycloalkyl group, a cycloalkenyl group, an aliphatic group optionally substituted with 1 to 3 halogens, an aromatic group optionally substituted with 1 to 3 halogens, and a carbonyl group with the proviso that when each of R^1 and R^3

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– R^5 is hydrogen, then R^2 is not isopropyl, and pharmaceutically acceptable salts thereof];

(b) at least one essential oil; and

(c) a pharmaceutically acceptable oral carrier.

2. (currently cancelled) The oral care composition of claim 1 wherein the alkyl group has 1 to 6 carbon atoms, the hydroxyalkyl group has 1 to 6 carbon atoms and the alkoxy portion and the alkyl portion of the alkoxyalkyl group each have 1 to 6 carbon atoms.

3. (original) The oral care composition of claim 1 wherein the oral effective amount of the compound of Formula (I) is from 0.001% to 10% by weight based on the total weight of the oral care composition.

4. (original) The oral care composition of claim 3 wherein the oral effective amount of the compound of Formula (I) is from about 0.01% to 5.0% by weight.

5. (original) The oral care composition of claim 4 wherein the oral effective amount of the compound of Formula (I) is from about 0.1% to 2.0% by weight.

6. (original) The oral care composition of claim 1 wherein the at least one essential oil selected from the group consisting of thymol, menthol, methyl salicylate (wintergreen oil), eucalyptol, carvacrol, camphor, anethole, carvone, eugenol, isoeugenol, limonene, osimen, n-decyl alcohol, citronel, a-salpineol, methyl acetate, citronellyl acetate, methyl eugenol, cineol,

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linalool, ethyl linalool, safrol vanillin, spearmint oil, peppermint oil, lemon oil, orange oil, sage oil, rosemary oil, cinnamon oil, pimento oil, laurel oil, cedar leaf oil, geraniol, verbenone, anise oil, bay oil, benzaldehyde, bergamot oil, bitter almond, chlorothymol, cinnamic aldehyde, citronella oil, clove oil, coal tar, eucalyptus oil, guaiacol, lavender oil, mustard oil, phenol, phenyl salicylate, pine oil, pine needle oil, sassafras oil, spike lavender oil, storax, thyme oil, tolu balsam, turpentine oil, clove oil and combinations thereof.

7. (original) The oral care composition of claim 6 wherein the at least one essential oil selected from the group consisting of thymol, eucalyptol, menthol, and methyl salicylate.

8. (original) The oral care composition of claim 7 wherein the oral care effective amount of thymol is from 0.001% to 2.0% by weight based on the total weight of the oral care composition.

9. (original) The oral care composition of claim 8 wherein the oral care effective amount of thymol is from about 0.01% to 0.6% by weight.

10. (original) The oral care compositions of claim 9 wherein the oral care effective amount of thymol is from about 0.02% to 0.5% by weight.

11. (original) The oral care composition of claim 7 wherein the oral care effective amount of eucalyptol is from about 0.001% to 2.0% by weight based on the total weight of the oral care composition.

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12. (original) The oral care composition of claim 11 wherein the oral care effective amount of eucalyptol is from about 0.005% to 0.5% by weight.

13. (original) The oral care composition of claim 12 wherein the oral care effective amount of eucalyptol is from about 0.007% to 0.4% by weight.

14. (original) The oral care composition of claim 7 wherein the oral care effective amount of methyl salicylate is from about 0.001% to 2.0% by weight based on the total weight of the oral care composition.

15. (original) The oral care composition of claim 14 wherein the oral care effective amount of methyl salicylate is from about 0.004% to 0.6% by weight.

16. (original) The oral care composition of claim 15 wherein the oral care effective amount of methyl salicylate is from about 0.01% to 0.6% by weight.

17. (original) The oral care composition of claim 7 wherein the oral care effective amount of menthol is from about 0.001% to 2.0% by weight based on the total weight of the oral care composition.

18. (original) The oral care composition of claim 17 wherein the oral care effective amount of menthol is from about 0.01% to 0.7% by weight.

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19. (original) The oral care composition of claim 18 wherein the oral care effective amount of menthol is from about 0.01% to 0.6% by weight.

20. (previously cancelled)

21. (original) The composition of claim 1 wherein the oral care effective amount of at least one essential oil is from about 0.001% to 8.0% by weight based on the total weight of the oral care composition.

22. (original) The composition of claim 7 wherein the oral care effective amount of the at least one essential oil comprises 0.064% by weight of thymol, 0.092% by weight of eucalyptol, 0.060% by weight of methyl salicylate, and 0.042% by weight of menthol, each based on the total weight of the oral care composition.

23. (original) The composition of claim 1 further comprising an alcohol in an amount of from about 0.01% to 70% by weight based on the total weight of the oral care composition.

24. (original) The composition of claim 23 wherein the amount of alcohol is from about 0.1% to 30% by weight.

25. (original) The composition of claim 24 wherein the alcohol is ethanol.

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26. (original) The composition of claim 7 wherein the oral care effective amount of the compound of Formula (I) is from about 0.03% to 2% by weight based on the total weight of the oral care composition, and of the at least one essential oil is 0.064% by weight of thymol, 0.092% by weight of eucalyptol, 0.060% by weight of methyl salicylate, and 0.042% by weight of menthol, each based on the total weight of the oral care composition.

27. (original) The oral care composition of claim 1 wherein the amount of the at least one essential oil is from about 0.001% to 8% by weight based on the total weight of the oral care composition.

28.-30. (currently withdrawn)

31. (original) The oral care composition of claim 1 in a form selected from the group consisting of toothpaste, mouthwashes, gels, toothpowders, film forming dentifrices, chewing gums, mouth sprays and lozengers.

32. (original) The oral care composition of claim 31 wherein the oral care composition is in the form of a mouthwash.

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